The ROYAL MARSDEN NHS Foundation Trust

ICR The Institute of Cancer Research

33rd Annual

Radiation Protection Training Course

Providing a basic underpinning knowledge for Radiation Protection Advisers

Monday 20 April – Friday 24 April 2026

Sutton Campus

IPEM Approved

CPD course approved by IPEM

For information on registration please contact the RPTC Secretariat Jessica.keegan@icr.ac.uk or call 020 8661 3075

For further information on course content email the Course Organiser Iain.murray@rmh.nhs.uk or call 020 8661 1440

Course Content

This course provides the theoretical background and training necessary for the radiological protection requirements of both ionising and non-ionising radiations used in hospitals. Although derived from an international framework the course content centres on UK Legislation.

The main 4-day module (Monday until Thursday) covers the following subject areas: radiation risks, dosimetry, biological effects, instrumentation, legislation, transport, emergencies and safe practice in the medical uses of ionising radiations. On the afternoon of day 3, delegates will split into speciality groups for focussed discussions and worked examples. As well as lectures there will be small informal workshop sessions covering a range of practical issues. The additional (optional) 1-day module on Friday covers non-ionising radiation protection.

The course is at a level suitable for hospital physicists working in the field of radiation protection or those who want to expand their knowledge in this field. It is particularly suitable for those wishing to become Radiation Protection Advisers and covers the Basic Underpinning Knowledge (Basic Syllabus) as set out in Annex 3 of the HSE statement on Radiation Protection Advisers. Those wishing to use the course towards RPA certification can sit an optional marked short exam.

Overview (Provisional)

Day 1 Review & effects of radiation	**Day 2** Statutory requirements	**Day 3** Radiation Protection in Hospitals	**Day 4** External Influences and Emergencies	**Day 5** Non-Ionising Radiation Protection (optional)
Radiation Protection Framework Interaction and Units Instrumentation Sources of Exposure Risk and Effects RP Culture & Ethics	IRR17 IR(ME)R17 Transport Regulations Other Legislation & Guidance	Diagnostic Radiology RP in Practice Radiotherapy RP in Practice Nuclear Medicine RP in Practice Modality Specific RPA Case Studies	Radiation Incidents & Emergencies Giving Sound RPA Advice RPA Certification Guest Lecture Optional Assessment	Microwave & RF Safety Issues in MRI Ultrasound Medical Lasers

Day 1-4 - Workshops - RPA Role Play; Risk Assessments; RPA Auditing; RPA Case Studies

***Full course details and information about other Radiotherapy, Radioactive Waste and Imaging courses are available on our website*:** https://www.icr.ac.uk/studying-and-training/opportunities-for-clinicians/radiotherapy-and-imaging-training-courses/radiation-protection-training-course

Course Date: Monday 20 April – Friday 24 April 2026

Venue: The course will be given at: Brookes Lawley Building, The Institute of Cancer Research, Oakleaf Avenue, Cotswold Road, SUTTON, SM2 5NG.

Cost: The cost includes lunches and light refreshments (we offer standard, vegetarian, vegan and gluten free options, please specify your preference in section below). A course meal is also included on the first evening of the course. Course materials, PowerPoint presentations and a certificate of attendance are provided.

Course Options	Payment details	
	Received by 20 February 2026	Received after 20 February 2026
Full Course (Including day 5: Non-Ionising Radiation Protection)	£750	£865
4 Day Course (Excluding day 5: Non-Ionising Radiation Protection)	£630	£750

Registration

Please complete all the boxes on the form in capitals. **The details you provide on this form will be used for all correspondence and will be used on your certificate.**

Please email this completed form to the course administrator: jessica.keegan@icr.ac.uk

If you are applying after 20 February 2026, please check availability of places before sending this form and payment as spaces are allocated on a first come basis and are limited to ensure a friendly open forum for debate and to allow the workshops to run smoothly.

Closing date for registrations: Friday 3 April 2026

Surname	Forename(s)
Job Title	Department
Organisation	
Email Address	
Telephone No.	
☐ 5 Day Module ☐ 4 Day Module	
Chosen speciality for Day 3 RPA Case Studies (choose **one** option only): **Diagnostic Radiology** ☐ **Radiotherapy** ☐ **Nuclear Medicine** ☐	
I will be paying the £…….. fee by: Invoice ☐ Online Payment ☐	
Invoice Please include a purchase order to: The Institute of Cancer Research, 123 Brompton Road, London, SW7 3RP. **Online Payment** Please contact jessica.keegan@icr.ac.uk for details.	
▪ Please send me information about local accommodation: **Yes** ☐ **No** ☐ ▪ Dietary Requirements: **Standard** ☐ **Vegetarian** ☐ **Vegan** ☐ **Gluten Free** ☐ ▪ Do you have a food allergy? **Yes** ☐ **No** ☐ (if yes, please specify): …….. ▪ Do you require any special assistance? **Yes** ☐ **No** ☐ (If yes, please specify):…… ▪ Are you happy for your name, email address and organisation to be passed onto the course lecturers and other delegates attending the RWATC by way of an attendee list? **Yes** ☐ **No** ☐	

For further information on registration, email the RPTC Secretariat jessica.keegan@icr.ac.uk or call 020 8661 3075.

For further information on course content, email the course organiser Iain Murray iain.murray@icr.ac.uk or call 020 8661 1440.

We use personal information for the purposes of course administration – which includes management of your course registration, processing your payment, communication of course joining information, certificates, post course materials and feedback questionnaire. We also use your contact information to keep you informed of other courses we offer which may be of interest to you. For further information on how we use your personal information, please check our privacy policy at www.icr.ac.uk/legal/privacy or contact dataprotectionofficer@icr.ac.uk